

Comparisons of Job Characteristics

Focus Occupation: **Veterinarians (29-1131)**

Associated Occupation: **Animal Scientists (19-1011)**

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 56

Focus Occupation: Veterinarians (29-1131)

Associated Occupation: Animal Scientists (19-1011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Biology	3.7	21.1	19.4	0	Current knowledge level may be sufficient
English Language	11.2	17.2	12.2	<<	Extensive education and/or training may be required
Food Production	2.1	17.2	2.4	<<	Extensive education and/or training may be required
Mathematics	9.2	15.7	13.0	<	Expanded education and/or training may be required
Chemistry	4.8	14.9	12.6	<	Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 93

Focus Occupation: Veterinarians (29-1131)

Associated Occupation: Animal Scientists (19-1011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Reading Comprehension	10.7	15.4	14.7	0	Current skill level may be sufficient
Science	4.5	15.1	15.2	0	Current skill level may be sufficient
Writing	9.2	14.6	11.7	<	A higher skill level may be required
Judgment and Decision Making	9.4	13.3	12.8	0	Current skill level may be sufficient
Complex Problem Solving	9.1	13.2	10.7	<	A higher skill level may be required
Systems Evaluation	6.4	10.7	8.5	<	A higher skill level may be required
Systems Analysis	6.5	10.6	7.2	<<	Extensive development of skills in this area may be required

Mathematics	6.2	9.8	7.1	<<	Extensive development of skills in this area may be required
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The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities	Similarity of Focus Occupation to Associated Occupation: 87
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Focus Occupation: Veterinarians (29-1131) Associated Occupation: Animal Scientists (19-1011)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Written Comprehension	11.0	16.5	12.6	<<	Extensive improvement in abilities may be required
Oral Comprehension	12.5	16.4	15.0	0	Current ability level may be sufficient
Oral Expression	12.4	16.0	14.6	0	Current ability level may be sufficient
Inductive Reasoning	10.2	14.9	16.7	>	Current ability level is likely sufficient
Written Expression	9.8	14.5	11.0	<<	Extensive improvement in abilities may be required
Deductive Reasoning	10.6	14.2	14.5	0	Current ability level may be sufficient
Problem Sensitivity	11.1	13.6	16.5	>	Current ability level is likely sufficient
Near Vision	11.1	12.6	13.0	0	Current ability level may be sufficient
Information Ordering	9.9	12.3	12.0	0	Current ability level may be sufficient
Category Flexibility	9.0	11.8	10.0	<	Some improvement in abilities may be required
Fluency of Ideas	7.6	11.1	8.8	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common	Similarity of Focus Occupation to Associated Occupation: 81
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Focus Occupation: Veterinarians (29-1131) Associated Occupation: Animal Scientists (19-1011)	
Work Activities	Exclusivity of Activity
Communicate technical information	4
Follow infectious materials procedures	52
Identify animal species	82
Identify livestock characteristics	81
Make decisions	24
Recognize disease or parasites in animals	72
Understand animal habits or needs	89
Use animal disease control techniques	82
Use knowledge of investigation techniques	16

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 72

Focus Occupation: Veterinarians (29-1131)
Associated Occupation: Animal Scientists (19-1011)

Tools and Technologies	Exclusivity
Autoclave and sterilizer equipment and accessories	12
Business function specific software	1
Clinical and diagnostic analyzers and accessories and supplies	18
Computers	1
Content authoring and editing software	1
Data management and query software	1
Harness goods	47
Indicating and recording instruments	2
Industry specific software	1
Information exchange software	1
Laboratory centrifuges and accessories	13
Laboratory microscope slides and supplies	20
Laboratory pumps and tubing	23
Medical ultrasound and doppler and echo imaging products	19
Network applications software	1
Pipettes and liquid handling equipment and supplies	16
Poultry and livestock equipment	33
Specimen collection and transport containers and supplies	14
Syringes and accessories	14
Veterinary equipment	40
Viewing and observing instruments and accessories	4
Weight measuring instruments	7

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.